

ATTACHMENT I – Abstract

A hanger bar for a cathode plate and a method of producing a cathode for electrolytic recovery of metal. The hanger bar comprises a support element which is preferably stainless steel and hollow. An electrically conductive metal cladding is affixed to the stainless steel bar by any appropriate mechanism, eg interference fit, welding, chemical or mechanical fastening or coextrusion or roll forming. Affixing the cladding to the stainless steel support element has significant advantages over conventional electroplating techniques including that a more precise engineering specification can be applied to the cladding thickness. This is important to maintain vertical alignment of the cathode plate in the electrolytic cell.